RESPONSE UNDER 37 CFR 1.116
EXPEDITED PROCEDURE
EXAMINING GROUP 3677
Serial No. 09/734,273

IN THE CLAIMS:

The text of all pending claims are set forth below. Cancelled claims are indicated with claim number and status only. The claims as listed below show added text with <u>underlining</u> and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (previously presented), (cancelled), (withdrawn), or (new).

Please AMEND the claims in accordance with the following:

1.   (Currently Amended) A method of <u>automatically</u> allocating additional hardware resources ~~in~~-<u>to</u> a computer having a plurality of hardware resources, said method comprising:

monitoring use of selected ones of said hardware resources by the computer to obtain historical data pertaining to the historical availability to the computer of each said monitored hardware resource;

automatically analyzing said obtained historical data to arrive at a prediction of a future level of availability of a monitored hardware resource;

providing a signal when said prediction of the future level of availability of the monitored resource fails to meet an availability threshold; and

without user intervention, responding to the signal by automatically <u>reserving or ordering</u> ~~allocating~~ an additional <u>physical</u> hardware resource <u>that is not in the computer when the signal is provided and which is</u> to be <u>later</u> manually physically added to the computer <u>after the reserving or placing of an order</u>.

2.   (Previously Presented) The method of claim 1 further including:
performing at least one calculation with respect to certain of said obtained data.

3.   (Previously Presented) The method of claim 1:
wherein said allocating occurs when said prediction indicates that the resources are below said threshold.

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4.   (Previously Presented) The method of claim 1 further including:

without user intervention, enabling the reduction of resources when said prediction indicates that the required resources are above said limit.

5.   (Cancelled)

6.   (Original) The method of claim 1, wherein said signal is in graphical form on a resource by resource basis.

7.   (Previously Presented) The method of claim 1, wherein said analyzing of includes:

analyzing available applications as a function of at least one system resource.

8.   (Previously Presented) The method of claim 1, wherein said hardware resources are selected from the set of resources, including memory, CPU, Disk, available ports, and network resources.

9.   (Previously Presented) A method of allocating additional hardware resources in a computer having a plurality of hardware resources, said method comprising:

monitoring use of selected ones of said hardware resources by the computer to obtain historical data pertaining to the historical availability to the computer of each said monitored hardware resource;

automatically analyzing said obtained historical data of a future level of availability of a monitored hardware resource;

without user intervention, enabling an adjustment in resources when said prediction of the future level of availability of the monitored resource fails to meet an availability threshold .

10.   (Previously Presented) The method of claim 9 further including:

performing at least one calculation with respect to certain of said obtained data.

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11.   (Previously Presented) The method of claim 9 wherein said enabling includes adding resources to said computer from a remote location.

12.   (Previously Presented) The method of claim 9 wherein said enabling includes removing resources from said computer.

13.   (Previously Presented) The method of claim 9 wherein said comparing includes storing historical data on resource usage.

14.   (Previously Presented) The method of claim 9 wherein said comparing includes: analyzing available applications that are a function of at least one system resource.

15.   (Previously Presented) A system for allocating additional hardware resources in a computer having a plurality of hardware resources said system comprising:

a monitoring unit monitoring use of selected ones of said hardware resources by the computer to obtain historical data pertaining to the historical availability to the computer of each said monitored hardware resource;

an analyzing unit automatically analyzing said obtained historical data to arrive at a prediction of a future level of availability of a monitored hardware resource;

a signal providing unit providing a signal when said prediction of the future level of availability of the monitored resource fails to meet an availability threshold; and

without user intervention, responding to the signal by automatically allocating an additional hardware resource to be manually physically added to the computer.

16.   (Previously Presented) The system of claim 15 further comprising:

performing at least one calculation with respect to certain of said obtained data.

17.   (Cancelled)

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18.   (Previously Presented) The system of claim 15 further comprising:

a unit operable without user intervention enabling the reduction of resources under control of said signal when said prediction indicates that the required resources are above said limit.

19.   (Previously Presented) The system of claim 15 further comprising:

storing historical data on resource usage.

20.   (Original) The system of claim 15 wherein said signal is in graphical form on a resource by resource basis.

21.   (Previously Presented) The system of claim 15 further comprising:

analyzing all available applications as a function of at least one computer resource.

22.   (Original) The system of claim 15 wherein said resources are selected from the set of resources, including memory, CPU, Network, Disk, available ports, and network resources.

23.   (Previously Presented) A system of allocating additional hardware resources in a computer having a plurality of hardware resources, said method comprising:

monitoring use of selected ones of said hardware resources by the computer to obtain historical data pertaining to the historical availability to the computer of each said monitored hardware resource;

automatically analyzing said obtained historical data to arrive at a prediction of a future level of availability of a monitored hardware resource;

without user intervention, enabling an adjustment in resources when said prediction of the future level of availability of the monitored resource fails to meet an availability threshold.

24.   (Previously Presented) The system of claim 23 further including:

performing at least one calculation with respect to certain of said obtained data.

25.   (Previously Presented) The system of claim 23 wherein said enabling includes adding resources to said computer from a remote location.

26.   (Previously Presented) The system of claim 23 wherein said enabling includes removing resources from said computer.

27.   (Previously Presented) The system of claim 23 wherein said comparing includes the step of storing historical data on resource usage.

28.   (Previously Presented) The system of claim 23 wherein said comparing step includes:

analyzing all available applications as a function of at least one computer resource.

29.   (Previously Presented) A computer program product operational in conjunction with a processor for allocating additional hardware resources in a computer having a plurality of hardware resources, said product comprising:

a monitor monitoring use of selected ones of said hardware resources by the computer to obtain historical data pertaining to the historical availability to the computer of each said monitored hardware resource;

an analyzer automatically analyzing said obtained historical data to arrive at a prediction of a future level of availability of a monitored hardware resource; and

an adjusting unit operable without user intervention automatically allocating for manual physical addition, resources according to the analyzing.

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30.   (Previously Presented) The computer product of claim 29 further including:

a unit operable in cooperation with said comparator performing at least one calculation with respect to certain of said obtained data.

31.   (Previously Presented) The computer product of claim 29 wherein said adjusting unit includes adding resources to said system from a remote location.

32.   (Previously Presented) The computer product of claim 29 wherein said adjusting unit removes resources from said system.

33.   (Previously Presented) The computer product of claim 29 wherein said comparator stores historical data on resource usage.

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